

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number
WO 2005/069105 A1

(51) International Patent Classification⁷: **G06F 1/00**

(21) International Application Number:

PCT/US2004/000072

(22) International Filing Date: 6 January 2004 (06.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Legallo, Boulogne Cedex 92648 (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GERVAIS, John** [US/US]; 11388 Royal Court, Carmel, Indiana 46032 (US). **DERRENBERGER, Mike** [US/US]; 11721 River Ridge Drive, Fishers, Indiana 46038 (US).

(74) Agents: **TRIPOLI, Joseph, S.** et al.; 2 Independence Way, Princeton, NJ 08540 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

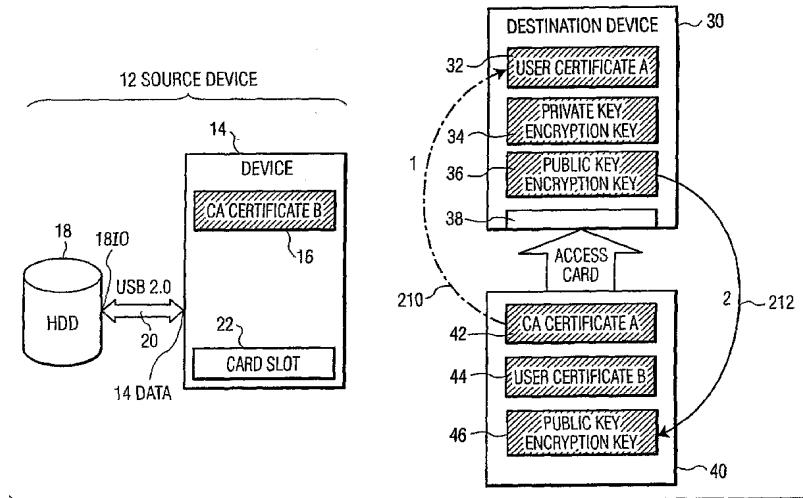
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SECURE PORTING OF INFORMATION FROM ONE DEVICE TO ANOTHER



(57) **Abstract:** A generic access card is paired with a data destination device by insertion into its card slot, and the public portion of a public/private key is stored in the card. The card authenticates the destination device. The paired card is transported to a data source device which includes a card slot and a removable mass storage medium. The card, when inserted into the card slot of the data source and authenticated, transfers the public key to the source device. The source device generates content encoding keys, and encodes the data on the storage medium. The content encoding keys are encoded using the public key, and loaded onto the card. The card and the storage medium are transported to the destination device, where the card provides the encoded encryption keys. The destination device decodes the encrypted content encryption key(s) and decodes the encrypted data for playback or display.

WO 2005/069105 A1